



815 Connecticut Avenue, N.W., Suite 610  
Washington, D.C. 20006

15 February 2008

**WT Docket No. 06-136**

Office of the Secretary  
Federal Communications Commission  
The Portals  
445 Twelfth Street, S.W.  
12th Street Lobby, TW-A325  
Washington, DC 20554

RE: Post-Transition Notification - Fixed Wireless Holdings, LLC  
Transition of the 2500-2690 MHz Band for BRS and EBS  
Transition Area: BTA Number 159: Gainesville, FL

Dear Ms. Dortch:

Fixed Wireless Holdings, LLC, a wholly-owned subsidiary of Clearwire Corporation (together "Clearwire"), and the designated Proponent for the market, hereby notifies the Commission, pursuant to Section 27.1235 of its Rules, that it has completed the Transition for BTA Number 159: Gainesville, FL.

As required by Section 21.1235, attached hereto are the following:

- **Exhibit 1** which contains a list of the licensees that have transitioned to the new band plan;  
and
- **Exhibit 2** listing each station in the MBS including
  - the station coordinates,
  - antenna make and model,
  - the horizontal and vertical pattern of the antenna,
  - the EIRP of the main lobe,
  - antenna orientation,
  - height of the antenna center of radiation,
  - transmitter output power, and
  - the line and combiner losses.

As required by Section Section 27.1235(c), a copy of the subject Post-Transition Notification is being served on all parties to the transition of this market as listed in **Exhibit 1**.

If you have any questions regarding this matter please contact Brandon Bullis, Director of Spectrum Development, at (202) 351-5021 or the undersigned at (202) 429-0107.

Sincerely,

  
Terri B. Natoli

cc: Joel Taubenblatt, Chief, Broadband Division, WTB  
John Schauble, Deputy Chief, Broadband Division, WTB  
Nancy Zaczek, Special Counsel, Broadband Division, WTB  
Consuela Kearney, Industry Analyst, Broadband Division, WTB

**Exhibit 1**  
**List of Facilities That Have Been Transitioned**

The authorizations listed below have been transitioned by Clearwire to the frequencies assigned to them under §27.5(i)(2). In the case of authorizations for BRS channels 1 and/or 2 (identified by "M1" and "M2"), the Proponent has no responsibility for transitioning facilities operating on these channels. The post-transition frequency assignments for BRS channels 1 and 2 are being reserved for future accommodation of services licensed for these channels.

**BTA #159: Gainesville, FL**

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B159, Nextel Spectrum Acquisition Corp.	Channels: M1M2AE1E2E3E4
WGW515, Nextel Spectrum Acquisition Corp.	Channels: E1E2E3E4
WLX998, Heritage Christian Academy	Channels: C1C2C3C4
WMH620, Clearwire Spectrum Holdings LLC	Channels: F1F2F3F4
WNC222, Orange Park Christian Academy	Channels: B1B2B3B4
WNC441, Westwood Hills Church of God	Channels: A1A2A3A4
WNC637, Orange Park High c/o Clay County School Board	Channels: D1D2D3D4
WNC639, Clay High c/o Clay County School Board	Channels: G1G2G3G4
WNC647, Lake City Community College	Channels: B1B2B3B4
WND529, Lake City Community College	Channels: C1C2C3C4
WQFL862, Clearwire Spectrum Holdings LLC	Channels: F1F2F3F4H1H2H3

**Exhibit 2**  
List of Required Technical Parameters for Stations In The MBS  
Page 1 of 3

**Clearwire**  
**BTA #159: Gainesville, FL**

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**B159, Nextel Spectrum Acquisition Corp.**

*Post-Transition MBS Parameters:*

MBS Facility Parameters:

MBS Channel E4: 2608.0 - 2614.0 MHz

*This licensee is not currently operating in the Mid-Band Segment*

**WGW515, Nextel Spectrum Acquisition Corp.**

*Post-Transition MBS Parameters:*

MBS Facility Parameters:

MBS Channel E4: 2608.0 - 2614.0 MHz

*This licensee is not currently operating in the Mid-Band Segment*

**WLX998, Heritage Christian Academy**

*Post-Transition MBS Parameters:*

MBS Facility Parameters:

MBS Channel C4: 2584.0 - 2590.0 MHz

*This licensee is not currently operating in the Mid-Band Segment*

**WMH620, Clearwire Spectrum Holdings LLC**

*Post-Transition MBS Parameters:*

MBS Facility Parameters:

MBS Channel F4: 2602.0 - 2608.0 MHz

*This licensee is not currently operating in the Mid-Band Segment*

**WNC222, Orange Park Christian Academy**

*Post-Transition MBS Parameters:*

MBS Facility Parameters:

MBS Channel B4: 2578.0 - 2584.0 MHz

*This licensee is not currently operating in the Mid-Band Segment*

## **Exhibit 2**

### **List of Required Technical Parameters for Stations In The MBS**

Page 2 of 3

## **Clearwire**

**BTA #159: Gainesville, FL**

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### **WNC441, Westwood Hills Church of God**

#### *Post-Transition MBS Parameters:*

MBS Facility Parameters:

MBS Channel A4: 2572.0 - 2578.0 MHz

*This licensee is not currently operating in the Mid-Band Segment*

### **WNC637, Orange Park High c/o Clay County School Board**

#### *Post-Transition MBS Parameters:*

MBS Facility Parameters:

MBS Channel D4: 2590.0 - 2596.0 MHz

*This licensee is not currently operating in the Mid-Band Segment*

### **WNC639, Clay High c/o Clay County School Board**

#### *Post-Transition MBS Parameters:*

MBS Facility Parameters:

MBS Channel G4: 2596.0 - 2602.0 MHz

*This licensee is not currently operating in the Mid-Band Segment*

### **WNC647, Lake City Community College**

#### *Post-Transition MBS Parameters:*

MBS Facility Parameters:

MBS Channel B4: 2578.0 - 2584.0 MHz

Transmitting Site# 1: 0.8 Miles E of Hwy 349-Old Town

Address: 2770 East Bell Ave., Bell, FL 32619

Coordinates: 29-33-32.8, 82-58-18.5

Elevation: 23.9 feet ( 7.3 meters)

Antenna # 1: Make/Model: AndrewHMD16VO, Gain: 14.0 dBi, Parameters for channel(s):  
B4

Polarity: V, Beamwidth: 360.0 deg., Orientation: 0.0 deg., EIRP: 27.6 dBw

Support Structure: Tower Antenna Height AGL: 377.3 feet (115.0 meters)

Transmissions for channel(s): B4, Utilizing antenna # 1:

Modulation, Antenna # 1: Analog only. Emissions Designator(s): 5M75C3F/250KF3E

## **Exhibit 2**

### **List of Required Technical Parameters for Stations In The MBS**

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## **Clearwire**

**BTA #159: Gainesville, FL**

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### **WND529, Lake City Community College**

#### *Post-Transition MBS Parameters:*

##### **MBS Facility Parameters:**

MBS Channel C4: 2584.0 - 2590.0 MHz

*This licensee is not currently operating in the Mid-Band Segment*

### **WQFL862, Clearwire Spectrum Holdings LLC**

#### *Post-Transition MBS Parameters:*

##### **MBS Facility Parameters:**

MBS Channel F4: 2602.0 - 2608.0 MHz

*This licensee is not currently operating in the Mid-Band Segment*

# List of Required Technical Parameters for Stations In The MBS

## Antenna Pattern Information

Exhibit 2

Clearw<sup>o</sup>re  
Gainesville, FL (BTA# 159)

Number of Bays	Antenna Type	Power Gain	(dbi)
4	HMD4VO	4.3	8.5
8	HMD8VO	8.6	11.5
12	HMD12VO	12.1	13.0
16	HMD16VO	15.2	14.0
24	HMD24VO	24.2	16.0

### **ANDREW** **AZIMUTH PATTERN**

Type: HMD-VO

Directivity: Numeric dB  
1.00 0.00

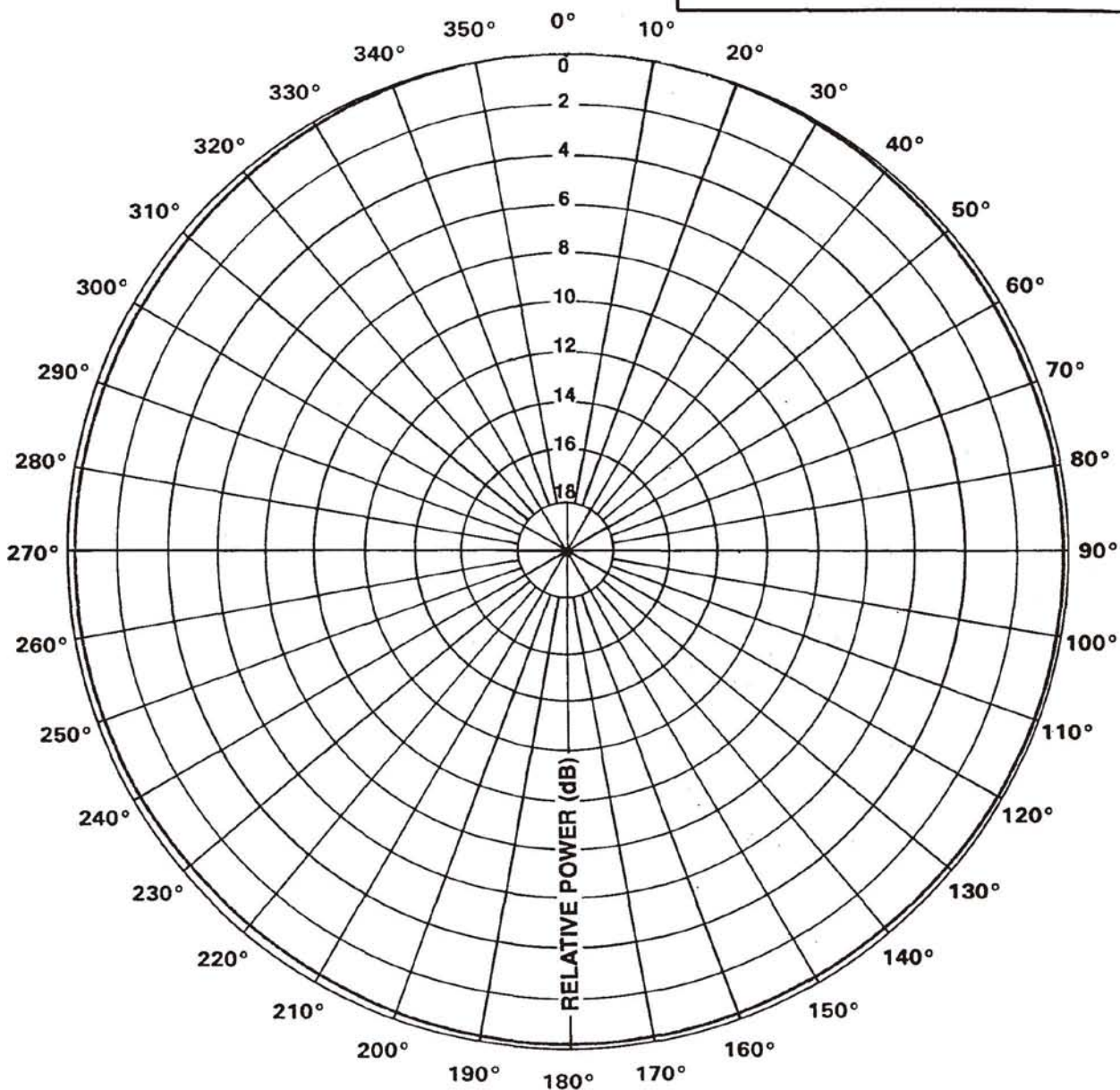
Peak(s) At: N/A (Omni)

Polarization: Vertical

Channel: 2500 - 2700 MHz

Location: \_\_\_\_\_

NOTE: Pattern shape and directivity may vary with channel and mounting configuration.



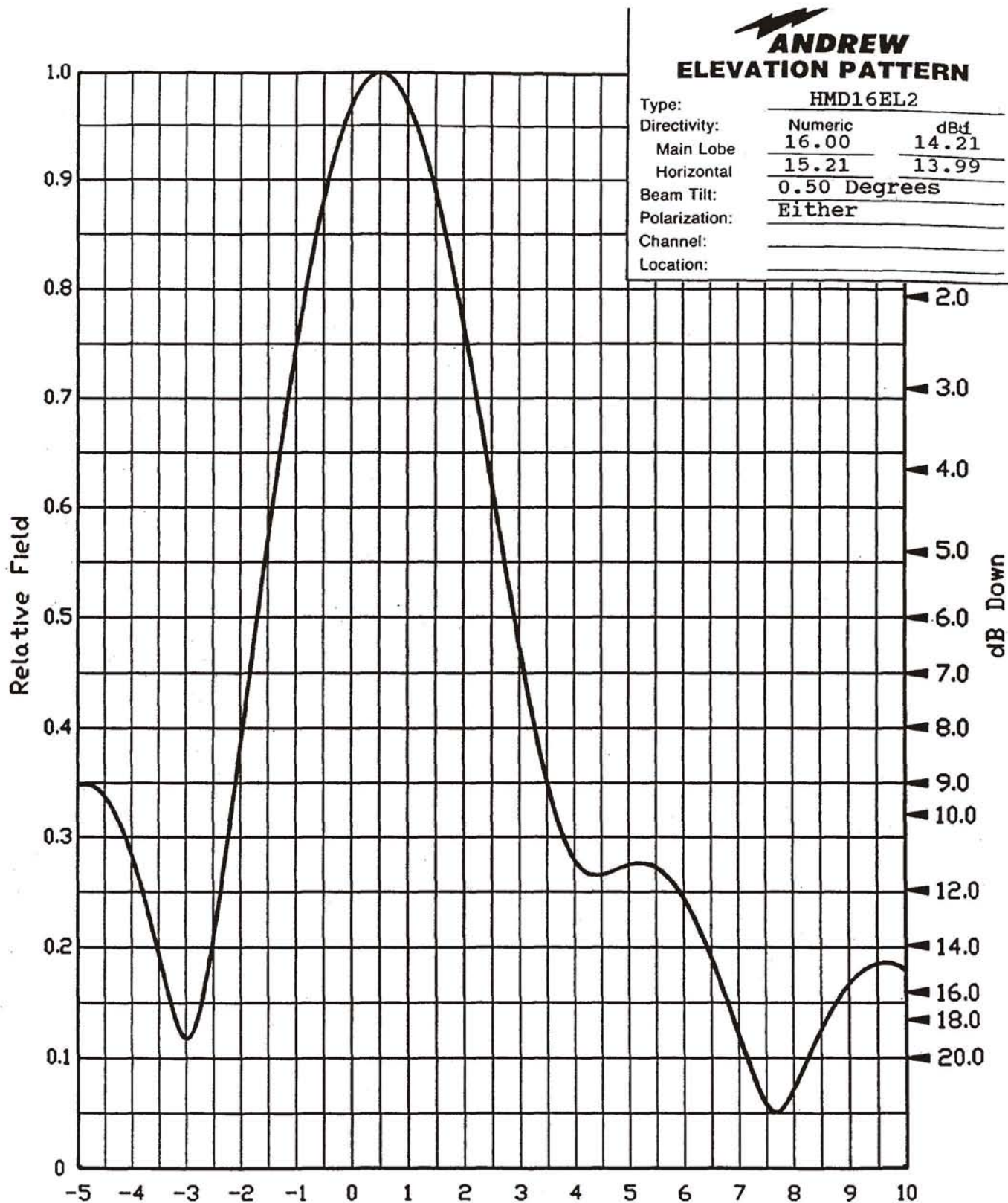
ComSpec



List of Required Technical Parameters for Stations In The MBS  
Antenna Pattern Information

Exhibit 2

Clearw<sup>o</sup>re  
Gainesville, FL (BTA# 159)





## Certification

Pursuant to Section 27.1235 of the Commission's Rules, Fixed Wireless Holdings, LLC certifies that it has completed the transition of the Gainesville, FL Basic Trading Area, BTA #159.

A handwritten signature in blue ink that reads "Terri B Natoli". The signature is written in a cursive style with a blue highlight behind it.

Terri B. Natoli